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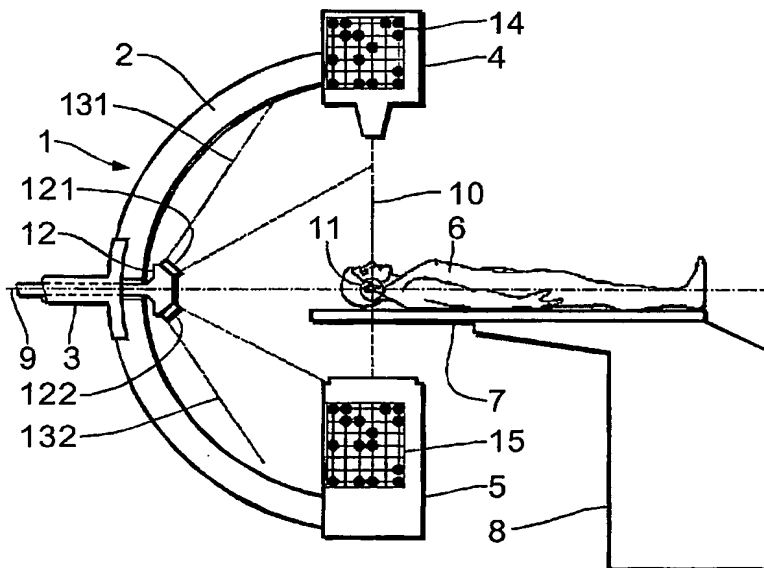
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(54) Title: C-ARM X-RAY APPARATUS HAVING MEANS OF CALIBRATION



(57) Abstract: The invention relates to an X-ray apparatus having a C-arm assembly (1) on which an X-ray source (4) and an X-ray detector (5) are arranged opposite one another, the C-arm assembly (1) being arranged to be rotatable about a propeller axis (9) and an axis of rotation (11). To enable calibration to take place even on-line during the acquisition of projected data, respective marker arrangements (14, 15) are mounted on the X-ray source (4) and the X-ray detector (5), and a camera arrangement (12) for detecting the marker arrangements (14, 15) is arranged on the C-arm assembly (1) to allow the positions of the X-ray source (4) and the X-ray detector (5) to be determined. With this arrangement, the problem of the blocking of lines of sight between the marker arrangements (14, 15) and the camera arrangement (12) is reduced or completely avoided.



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